

Article 4(1)(b)

From: [EC ARES NOREPLY](#)
To: [REDACTED] (ENER)
Cc: [REDACTED] (JRC-PETTEN); [REDACTED] (JRC-PETTEN); [REDACTED] te (JRC-PETTEN); [REDACTED] (JRC-PETTEN); [REDACTED] (JRC-PETTEN); [REDACTED] (JRC-PETTEN)
Subject: Ares(2016)5139710 - RE: Belarus Stress Tests Technical code in Russian and English - compared to EU Stress Test
Date: 09 September 2016 11:47:02
Attachments: [image001.png](#)

[Ares\(2016\)5139710 - RE: Belarus Stress Tests Technical code in Russian and English - compared to EU Stress Test](#)

Article 4(1)(b)

*Sent by [REDACTED] (JRC-PETTEN) <[REDACTED]@ec.europa.eu>. All responses have to be sent to this email address.
 Envoyé par [REDACTED] (JRC-PETTEN) <[REDACTED]@ec.europa.eu> .
 Toutes les réponses doivent être effectuées à cette adresse électronique.*

Reference K4NUSSS/NUSP/16 09 002

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Dear [REDACTED],

As requested below, we have conducted a short review of the Legal Act TKP 566-2015 (EN version) regarding stress test aspects, with similar results.
 Contributors to this short review are [REDACTED] and myself.

The conclusions are the following:

1. The main elements of the ENSREG stress test specification can also be found in the Legal Act TKP 566-2015 (EN version).
2. The set of detailed hypotheses given in - and the degree of validation of supporting documentation to be indicated according to - the ENSREG specification are largely but not fully specified in the Legal Act.
3. It would be worthwhile to confirm that for flooding (§10.3 in the Legal Act) all possible sources of flooding are to be considered (and not only flooding due to water rise levels of rivers, for example).
4. More emphasis should be given to the systematic identification of vulnerabilities and cliff-edge effects (also called threshold effects), in all the parts of the safety re-assessment (they seem to be only mentioned for 10.2 Earthquake).
5. More emphasis should be given to the analysis of impact on multiple units at the same time, in all the parts of the safety re-assessment.
6. In the interest of a clear definition of the detailed scope and hypotheses for the stress test exercise in Belarus, the detailed recommendations and suggestions as elaborated by European experts on behalf of DEVCO, are supported. Some of these recommendations and suggestions also relate to the 'Technical Specifications on performance of works related to the re-evaluation of safety' (which is the ToR for the implementation of the stress test in Belarus), which are not available to JRC. It was reported that some additional requirements and explanations mentioned in the ToR might narrow the scope

of the safety assessments or reduce the task to verification of the NPP characteristics.
Not all of these recommendations have been (committed to be) taken on board by the Belarus authorities.

Best regards,

[REDACTED]



European Commission
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From: [REDACTED] (ENER)
Sent: Tuesday, September 06, 2016 4:05 PM
To: [REDACTED] (JRC-PETTEN); [REDACTED] (JRC-PETTEN)
Cc: [REDACTED] (JRC-PETTEN); [REDACTED] (JRC-PETTEN); [REDACTED] ael (JRC-PETTEN)
Subject: Belarus Stress Tests Technical code in Russian and English - compared to EU Stress Test

Dear [REDACTED],

Following the e-mail that I sent you the 1st September (see below) could you please provide me your comments on this Belarus legal act (technical code) that was put in force in August 2015 in Belarus to launch the Stress Tests process, in particular in comparison to the EU Stress Tests Technical Specifications (attached in case of need).

You received already the comments made by the DEVCO on site experts.

I looked myself to the English version of this Legal Act and I did not find so big differences compared to the EU ST Specifications.

I would to receive **a consolidated review from your side on this topic by Friday 9th 12:00 at the latest.**

Thank you in advance.

Best regards

[REDACTED]

-----Original Message-----

Article 4(1)(b)

From: [REDACTED] (ENER)
Sent: Thursday, September 01, 2016 3:04 PM
To: [REDACTED] (JRC-PETTEN); [REDACTED] (JRC-PETTEN); [REDACTED] (DEVCO)
Cc: [REDACTED] (JRC-PETTEN); [REDACTED] (DEVCO)
Subject: Belarus Stress Tests Technical code in Russian and English

Dear Colleagues,

I think I did it already but as I'm not fully sure and in preparation of our meeting in Belarus please find attached:

- The legal act (technical code) that was put in force in August 2015 in Belarus to launch the Stress Tests process (in Russian and official translation in English)
- The comments made on this document by the DEVCO experts on site

Please have a look to these documents because they will be very useful for our discussions in MINSK.

Best Regards

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[REDACTED] << File: TDEVCO OSM ST Table comments_ENG.docx >> << File: 2016-04-12 copy of Legal Act Stress Tests TKP 566-2015.pdf >> << File: DEVCO OSM comments to the stress tests specifications-ENG.docx >> << File: ENER-2016-00399-00-00-EN-TRA-00.DOCX >> << File: EU Stress tests specifications.pdf >>